CHEMICAL NAME SILICA

1-5

10-20

1-5

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

COMMON NAME : AMORPHOUS SILICA

CAS NUMBER:

7631-86-9

CHEMICAL NAME WATER

COMMON NAME : WATER CAS NUMBER:

7732-18-5

CHEMICAL NAME LECITHINS

COMMON NAME : LECITHIN

CAS NUMBER:

8002-43-5

SECTION 3: HAZARDS IDENTIFICATION

PRIMARY ROUTE(S) OF EXPOSURE

INHALATION, SKIN CONTACT, EYE CONTACT, INGESTION.

EFFECTS OF OVEREXPOSURE

INHALATION

PROLONGED INHALATION MAY LEAD TO MUCOUS MEMBRANE IRRITATION, DROWSINESS, DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, COUGHING, CENTRAL NERVOUS SYSTEM DEPRESSION, KIDNEY DAMAGE.

SKIN CONTACT

IRRITATION OF SKIN. PROLONGED OR REPEATED CONTACT CAN CAUSE DERMATITIS, DEFATTING. POSSIBLE SENSITIZATION TO SKIN.

EYE CONTACT

IRRITATION OF EYES. PROLONGED OR REPEATED CONTACT CAN CAUSE CONJUNCTIVITIS.

INGESTION

INGESTION MAY CAUSE DIZZINESS AND/OR LIGHTHEADEDNESS, HEADACHE, VOMITING, DIARRHEA, GASTRO-INTESTINAL DISTURBANCES, SEVERE ABDOMINAL PAIN, APATHY, CENTRAL NERVOUS SYSTEM DEPRESSION, RESPIRATORY PROBLEMS, INTOXICATION, KIDNEY DAMAGE, PULMONARY EDEMA, LOSS OF CONSCIOUSNESS, ACUTE POISONING, RESPIRATORY FAILURE, CARDIAC FAILURE, BRAIN DAMAGE.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

EYE, SKIN, RESPIRATORY DISORDERS

LUNG DISORDERS KIDNEY DISORDERS

3

SECTION 4: FIRST-AID MEASURES

INHALATION REMOVE TO FRESH AIR. RESTORE AND SUPPORT CONTINUED

BREATHING.

GET EMERGENCY MEDICAL ATTENTION.

HAVE TRAINED PERSON GIVE OXYGEN IF NECESSARY. GET MEDICAL

HELP FOR ANY BREATHING DIFFICULTY.

REMOVE TO FRESH AIR IF INHALATION CAUSES EYE WATERING,

HEADACHES, DIZZINESS, OR OTHER DISCOMFORT.

SKIN CONTACT WASH THOROUGHLY WITH SOAP AND WATER. IF ANY PRODUCT REMAINS,

GENTLY RUB PETROLEUM JELLY, VEGETABLE OR MINERAL/BABY OIL ONTO SKIN. REPEATED APPLICATIONS MAY BE NEEDED. REMOVE

CONTAMINATED CLOTHING.

WASH CONTAMINATED CLOTHING BEFORE RE-USE.

EYE CONTACT FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER, ESPECIALLY

UNDER LIDS FOR AT LEAST 15 MINUTES. IF IRRITATION OR OTHER

EFFECTS PERSIST, OBTAIN MEDICAL TREATMENT.

INGESTION IF SWALLOWED, OBTAIN MEDICAL TREATMENT IMMEDIATELY.

SECTION 5: FIRE-FIGHTING MEASURES

FLASH POINT (SETA) ABOVE 200F/93C LOWER EXPLOSIVE LIMIT NOT AVAILABLE UPPER EXPLOSIVE LIMIT 15.3 (%)

FIRE EXTINGUISHING MEDIA

DRY CHEMICAL OR FOAM

WATER FOG.

CARBON DIOXIDE.

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY BURST IF EXPOSED TO EXTREME HEAT OR

FIRE.

FIRE FIGHTING PROCEDURES

WATER MAY BE USED TO COOL AND PROTECT EXPOSED CONTAINERS. FIREFIGHTERS SHOULD USE FULL PROTECTIVE CLOTHING, EYE PROTECTION, AND SELF-CONTAINED BREATHING APPARATUS.

SELF-CONTAINED BREATHING APPARATUS RECOMMENDED.

SECTION 5: FIRE-FIGHTING MEASURES

HAZARDOUS DECOMPOSITION OR COMBUSTION PRODUCTS

CARBON MONOXIDE, CARBON DIOXIDE, OXIDES OF NITROGEN, ACRID FUMES, PHOSPHOROUS.

SECTION 6 ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

COMPLY WITH ALL APPLICABLE HEALTH AND ENVIRONMENTAL

REGULATIONS.

ELIMINATE ALL SOURCES OF IGNITION. VENTILATE AREA. SPILLS MAY BE COLLECTED WITH ABSORBENT MATERIALS. PLACE COLLECTED MATERIAL IN PROPER CONTAINER.

COMPLETE PERSONAL PROTECTIVE EQUIPMENT MUST BE USED DURING CLEANUP.

LARGE SPILLS - SHUT OFF LEAK IF SAFE TO DO SO. DIKE AND CONTAIN SPILL. PUMP TO STORAGE OR SALVAGE VESSELS. USE ABSORBENT TO PICK UP EXCESS RESIDUE. KEEP SALVAGEABLE MATERIAL AND RINSE WATER OUT OF SEWERS AND WATER COURSES. SMALL SPILLS - USE ABSORBENT TO PICK UP RESIDUE AND DISPOSE OF PROPERLY.

SECTION 7 HANDLING AND STORAGE

HANDLING AND STORAGE

STORE BELOW 100F (38C). KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. KEEP FROM FREEZING.

OTHER PRECAUTIONS USE ONLY WITH ADEQUATE VENTILATION. DO NOT TAKE INTERNALLY.

KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND
EYES, AND BREATHING OF VAPORS. WASH HANDS THOROUGHLY AFTER
HANDLING, ESPECIALLY BEFORE EATING OR SMOKING.

KEEP CONTAINERS TIGHTLY CLOSED AND UPRIGHT WHEN NOT IN USE.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

COMMON NAME : ETHYLENE GLYCOL

CAS NUMBER: 107-21-1

ACGIH(STEL): C 100 MG/M3

COMMON NAME : CLAY

CAS NUMBER: 1332-58-7

ACGIH (TWA): 2 MG/M3 OSHA (TWA): 5 MG/M3

COMMON NAME : TITANIUM DIOXIDE

CAS NUMBER: 13463-67-7

ACGIH (TWA): 10 MG/M3 OSHA (TWA): 10 MG/M3

COMMON NAME : ALUMINUM HYDROXIDE

CAS NUMBER: 21645-51-2

ACGIH (TWA): 10 MG/M3 OSHA (TWA): 5 MG/M3

COMMON NAME : AMORPHOUS SILICA

CAS NUMBER: 7631-86-9

ACGIH (TWA): 10 MG/M3 OSHA (TWA): 6 MG/M3

RESPIRATORY PROTECTION

CONTROL ENVIRONMENTAL CONCENTRATIONS BELOW APPLICABLE EXPOSURE STANDARDS WHEN USING THIS MATERIAL. WHEN RESPIRATORY PROTECTION IS DETERMINED TO BE NECESSARY, USE A NIOSH/MSHA (CANADIAN Z94.4) APPROVED ELASTOMERIC SEALING-SURFACE FACEPIECE RESPIRATOR OUTFITTED WITH ORGANIC VAPOR CARTRIDGES AND PAINT SPRAY (DUST/MIST) PREFILTERS. DETERMINE THE PROPER LEVEL OF PROTECTION BY CONDUCTING APPROPRIATE AIR MONITORING. CONSULT 29CFR1910.134 FOR

SELECTION OF RESPIRATORS (CANADIAN Z94.4).

VENTILATION PROVIDE DILUTION VENTILATION OR LOCAL EXHAUST TO PREVENT

BUILD-UP OF VAPORS.

PERSONAL PROTECTIVE EQUIPMENT

EYE WASH, SAFETY SHOWER, SAFETY GLASSES OR GOGGLES. IMPERVIOUS GLOVES, IMPERVIOUS CLOTHING.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

VAPOR PRESSURE: NOT AVAILABLE SPECIFIC GRAVITY: 1.984

BOILING RANGE: 212-500F/ -260C WEIGHT PER GALLON: 16.53/ 19.85IMP

%VOLATILE BY VOLUME: 51.11

PHYSICAL STATE: LIQUID APPEARANCE WHITE

SOLUBILITY IN WATER: NOT AVAILABLE PH: NOT AVAILABLE

SECTION 10: STABILITY AND REACTIVITY

UNDER NORMAL CONDITIONS

STABLE

SEE SECTION 5 FIRE FIGHTING MEASURES

MATERIALS TO AVOID

OXIDIZERS.

STYRENE MONOMER

CONDITIONS TO AVOID

CONTACT WITH OXIDIZING AGENT, FREEZING, OPEN FLAME.

HAZARDOUS POLYMERIZATION

WILL NOT OCCUR

SECTION 11: TOXICOLOGICAL INFORMATION

COMMON NAME : ETHYLENE GLYCOL

CAS NUMBER: 107-21-1

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

LD50: 4700.00 MG/KG ORL RAT LD50: 5500.00 MG/KG ORL MOU

COMMON NAME : GLYCOL ETHER

CAS NUMBER: 127087-87-0

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME : CLAY

CAS NUMBER: 1332-58-7

CARCINOGENICITY LISTED BY: NTP NO IARC NO OSHA NO ACGIH NO

COMMON NAME: TITANIUM DIOXIDE

CAS NUMBER: 13463-67-7

			ш	7018	FAGE /
SECTION 11: TOXICOLOGICAL INFORMATION					
LD50: 24.0	STED BY: NTP NO 0 GM/KG ORL RAT 0 MG/M3/4HR IHL RAT	IARC NO	OSHA N	NO ACGIH	NO
COMMON NAME : ALU					
CAS NUMBER: 2164 CARCINOGENICITY LI	45-51-2 STED BY: NTP NO	IARC NO	OSHA N	70 ACGIH	NO
COMMON NAME : AMO	RPHOUS SILICA				
CAC NUMBER. 763	1-86-9 STED BY: NTP NO	IARC NO	OSHA N	NO ACGIE	NO
COMMON NAME : LEC	ITHIN				
CAC MIMBED. 800	2-43-5 STED BY: NTP NO	IARC NO	OSHA 1	NO ACGIE	по
SUPPLEMENTAL HEALTH INFORMATION NO ADDITIONAL EFFECTS ARE ANTICIPATED					
CARCINOGENICITY NO CARCINOGENIC EFFECTS ARE ANTICIPATED					
REPRODUCTIVE EFFECTS NO REPRODUCTIVE EFFECTS ARE ANTICIPATED					
MUTAGENICITY	NO MUTAGENIC EFFECT	S ARE ANTICIE	PATED		
TERATOGENICITY SOME LABORATORY TEST RESULTS HAVE SHOWN ETHYLENE GLYCOL TO BE AN ANIMAL TERATOGEN.					
SECTION 12: ECOLOGICAL INFORMATION					

PRODUCT AS A WHOLE.

NO ECOLOGICAL TESTING HAS BEEN DONE BY ICI PAINTS ON THIS

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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL DISPOSE IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS. AVOID DISCHARGE TO NATURAL WATERS.

SECTION 14: TRANSPORT INFORMATION

DOT PAINT ** PROTECT FROM FREEZING **

IMDG NOT AVAILABLE

IATA NOT AVAILABLE

TDG NOT AVAILABLE

SARA SARA CERCLA HAZ AIR MARINE

SECTION 15: REGULATORY INFORMATION

302 313 302.4 POLLUTANT POLTNT

CAS NUMBER: 107-21-1 NO YES YES YES NO

COMMON NAME : ETHYLENE GLYCOL

CAS NUMBER: 127087-87-0 NO YES NO YES NO

COMMON NAME : GLYCOL ETHER

AS OF THE DATE OF THIS MSDS, ALL OF THE COMPONENTS IN THIS PRODUCT ARE LISTED (OR ARE OTHERWISE EXEMPT FROM LISTING) ON THE TSCA INVENTORY.

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PAGE

THIS PRODUCT HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CPR (CONTROLLED PRODUCTS REGULATIONS) AND THE MSDS CONTAINS ALL THE INFORMATION REQUIRED BY THE CPR.

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SECTION 16: OTHER INFORMATION

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